

WHAT IS CLAIMED IS:

- Sub A1)
1. An image reading apparatus comprising:
an original mounting table;
a scanning means for scanning an original mounted
5 on said original mounting table;
a carriage for mounting said scanning means
thereon;
a cable for transmitting a moving force to said
carriage; and
10 a guide member for guiding said carriage in the
movement direction thereof;
wherein said carriage is biased in a rotating
direction centering about an axis perpendicular to
said original mounting table by the tension of said
15 cable.
2. An image reading apparatus according to Claim
1, wherein said cable has a first portion extended in
parallel to said guide member and in which the spacing
20 between it and said guide member is a first length, a
second portion extended in parallel to said guide
member and in which the spacing between it and said
guide member is a second length, and a third portion
which is the portion between the first portion and the
25 second portion and extended in non-parallel to said
guide member.

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3. An image reading apparatus according to Claim 1, further comprising a driving source mounted on said carriage for driving said carriage, a driving pulley mounted on said carriage for transmitting a driving force from said driving source to said cable, and an idler pulley mounted on said carriage for biasing said cable, and wherein said carriage is moved by a reaction force received from said cable.

10 4. An image reading apparatus according to Claim 1, wherein said carriage has two sliders sliding with said guide member, and both of said sliders are biased toward said guide member by the tension of said cable.

15 5. An image reading apparatus according to Claim 1, wherein said carriage is further biased toward said original mounting table by the tension of said cable.

20 6. An image reading apparatus according to Claim 3, wherein said guide member has a U-shaped cross-section, rotary members are coaxially provided on said driving pulley and said idler pulley, and said two rotary members abut against the inner surface of said U-shaped guide member.